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Title: JP2169740A2: BACTERIOSTATIC DEODORIZING CLOTH

Derwent Title: Antimicrobial and deodorant fabric for clothing, etc. - comprises thermoplastic synthetic fibre contg. metal powder, esp. copper and cellulosic fibre contg. antimicrobial agent [Derwent Record]

Country: JP Japan
Kind: A

Inventor: TAKIZAWA KIYOSHI;

Assignee: KURARAY CO LTD
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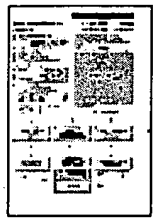

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Abstract:

PURPOSE: To obtain the subject cloth having excellent durability of antibacterial property and suitable for clothes, beddings, etc., by weaving a thermoplastic synthetic fiber containing a specific metal (compound) and a cellulosic fiber incorporated with an antibacterial agent.

CONSTITUTION: The objective cloth can be produced by weaving or knitting (A) a thermoplastic fiber produced by compounding (i) thermoplastic polymer such as polyethylene terephthalate with (ii) preferably 0.1-10wt.% of a liquid polyester preferably having a melting point of ≤10°C and a viscosity of ≥10 poise at 25°C and obtained by the polycondensation of e.g. adipic acid and a glycol and (iii) preferably 0.1-10wt.% of metallic silver, copper or zinc or their compound and (B) a cellulosic fiber such as cotton and linen bonded with an antibacterial agent (e.g. chlorhexidine).

Family: None

Forward References: Go to Result Set: Forward references (1)

PDF	Patent	Pub.Date	Inventor	Assignee	Title
	US6723428	2004-04-20	Foss; Stephen W.	Foss Manufacturing Co., Inc.	Anti-microbial fiber and fibrous products

Other Abstract Info: DERABS C90-243057 DERC90-243057